

# Indian Goat Farm

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## Project Report – Commercial Goat Farming **150 Goats Project**

**Please do keep the followings in mind while reading this project; -**

1.	This is an Expense statement for 2 yrs.
2.	Before Starting Goat Farming Business it is very important that you should have good knowledge of the same.
3.	Land Cost is not included.
4.	Goat Farming Business takes 2 to 3 years to give you to the break-even point. (For Good Business what I consider is 4 to 5 Years.). So please calculate the figures according to this plan.
5.	Here in this project report I am calculating the growth rate in the ration of 1:1 (male: female) and the mortality rate of 10% per kidding.
6.	Please survey the land, location, road access, water facility and other useful things.
7.	Condition of Soil For cultivating green fodder for goats. ( <b>Hint:</b> Goat business is never profitable if buying green fodder from outside the farm)
8.	Visit other Goat Farms before starting yours, to survey the housing system, fodder management, handling goats, cascading bucks etc.
9.	Suggestion: Use animal manure (day manure) to make vermicompost for additional income from this business (this is also a part of goat farming business). Use manure (night manure) to improve the soil of your farm for cultivation of green fodders.
10.	Suggested Green Fodders: CO3, CO4, Lucern, Barseem, Stylo, Dashrath, Hybrid Napier, African Tall, Sorghum, Molato, Gini Grass, Subabul. (As per your soil requirement)
11.	Dry Fodder: Barley, Maize, Ground Nut etc.
12.	Never use goat milk for personal use, as kids need this milk up to 3 months.
13.	Always Try to buy pregnant goats, which give kids in 40 to 60 Days.

In the following Synopsis; certain assumptions have been taken.

1. The land has already been purchased or acquired for setting up the Commercial Level Goat Farming.
2. The farm will comprise of goats with previous track records (if & where possible) only so as to improve the genetic potential & optimize Productivity.
3. It will be ensured that around 89% of the goats will always give kids.
4. The Farm will initially hold 150 Goats Of Sirohi Breed and 6 Breeding Bucks.
5. Feeding cost of Goats is taken @ Rs. 4–5 Rs. Per Day.
6. Goat give kids twice a year, gestation period of 150 Days.
7. Under Stall Fed conditions the ratio of kids is 60% Twins, 38% Single and 2% Triple.
8. Expenses on Vaccinations are 15 Rs. a Year Per Goat.
9. Deworming the goats routinely.

### **Capital Cost**

<b>S.N</b>	<b>Particulars</b>	<b>Unit</b>	<b>Total Cost</b>	<b>G. Total</b>
<b>a.</b>	<b>Capital Cost</b>	<b>150 goats</b>	<b>5000 each</b>	<b>7,50,000</b>
<b>b.</b>	<b>Shed For Goats</b>	<b>01</b>	<b>60,000</b>	<b>0,60,000</b>
<b>c.</b>	<b>Godown for Dry Fodder</b>	<b>01</b>	<b>10,000</b>	<b>0,10,000</b>
<b>d.</b>	<b>Labor Quarters</b>	<b>01</b>	<b>10,000</b>	<b>0,10,000</b>
<b>e.</b>	<b>Cascader, Ear Tags etc</b>	<b>-</b>	<b>3,000</b>	<b>0,05,000</b>
<b>f.</b>	<b>Cutter, Tanks, Mixer etc.</b>	<b>-</b>	<b>2,000</b>	<b>0,02,000</b>
<b>g.</b>	<b>Cutting Machine (fodder)</b>	<b>01</b>	<b>3,000</b>	<b>0,03,000</b>
<b>h.</b>	<b>Feeders</b>	<b>15</b>	<b>600</b>	<b>0,09,000</b>
			<b>TOTAL</b>	<b>8,49,000</b>

**A. Total Capital Cost is 8,49,000/- or Say 8,50,000/-**

Capital cost is needed only ONCE & like all other businesses it will be required to start the Goat Farming smoothly.

## Running Capital (Yearly Report)

S.No.	Administrative Costs	No.	Rate (Rs.)	Cost Yearly
a.	Senior Labor	01	4000	0,48,000 Rs.
b.	Junior Labor	01	2000	0,24,000 Rs.
c.	Fodder For 156 Goats	156	5	2,80,800 Rs.
d.	Vaccines	156	15	0,02,340 Rs.
e.	Electricity	1	1500	0,18,000 Rs.
f.	Transport	-	10,000	0,10,000 Rs.
g.	Printing & Stationary	-	1500	
			<b>TOTAL</b>	<b>3,83,140 Rs.</b>

### **B. Total Running Capital is 3,83,140/- or Say 3,85,000/-**

- This is a fixed & optional variable and will be constant over a period of 2 yrs.
- All the running expenses are taken on higher side and calculated on 10<sup>th</sup> of August 2009.
- Cost of Vehicles and other equipment are not considered here in this Project Report.
- You may reduce expenses with Good Skills and Managements Practices.
- Add 4% of Insurance as not added in this Report.

It is also crucial to note that these practices for feeding & management have to be inculcated in the labors from day ONE. A small-added expense of Re. 1/day/per animal will incur losses to a tune of Rs.56,160 in 365 days (Believe this figures).

At the same time a saving of Re. 1 on feeding can help us **SAVE Rs. 56,160 /- yearly.**

### **Total Cost Of Goat Farming Project:**

Capital Cost: 8,50,000/- (One Time Up-to 400 Goats)

Running Capital: 3,85,000/- (Yearly)

**Total Cost: 12,35,000/-**

Margin Amount: 15% of Total Cost i.e. 01,85,250/-

Bank Finance 85% i.e. 10,49,750/-

(Finance Available on Goat Farming By NABARD)

**\*Note – This Project Report is for financial assistance not for submission in Bank.**

# Growth Rate Calculation

150 Pregnant Goats (assume give kids in 2 months)

- As I mentioned always buy pregnant goats.
- Here consider 50% Double & 50% Single Kidding.
- Bucks & Does Ratio is 50:50.
- This Table is Only Growth Calculator.
- Calculation of 2 Years.
- Less 10% Mortality
- 89% Kidding (11%Not)
- As 2 months of interval is less in last months because 16 months of young female goats are ready for kidding. At the age of 10 Months Does (female goat) is ready for mating.

**Growth Calculation Table 1.1**

Time Period	No. Of Goats (Females)	Young Goats	Mature Goats	Male / Female	Total
	150 Goats	Nil	150	6 / 150	156
02 Months	150 "	150+75 = 225	150	116 / 265	381
06 Months	150 "	150+75 = 225	150	226 / 380	606
12 Months	265 "	397	265	424 / 578	1002
18 "	380 "	380+190=570	380	710 / 863	1573
24 "	578 "	578+289=867	578	1143/1296	2439

Total	Male	Female	Mortality/Pregnancy
2439	1143	1296	243 / 250 = 493
1946	973	973	10%/11%

**Does (Female Goats) Feeding Cost**

Time Period	No. Of Goats	Total Cost
02 Months	150 x 5 Rs daily x 30 days x 2 months	0,45,000 Rs.
06 Months	150 x 5 Rs daily x 30 days x 6 months	1,35,000 Rs.
06 Months	265 x 5 Rs daily x 30 days x 6 months	2,38,500 Rs.
06 Months	380 x 5 Rs daily x 30 days x 6 months	3,42,000 Rs.
06 Months	578 x 5 Rs daily x 30 days x 6 months	5,20,200 Rs.
	<b>Total</b>	<b>12,80,700 Rs.</b>

- Here Bucks Feeding Cost is not included.
- As we consider from 100 Bucks 80% Sale Out at the Age of 6 to 8 Months.
- Rest 20% Diet Schedule is Different.

**Bucks (Male Goats) Feeding Cost**

Time Period	No. Of Goats	Total Cost
06 Months	779 x 7 Rs daily x 30 days x 6 months	9,81,540
18 Months	194 Eid Goats @ Rs 12,000 For 18 Months Up-to Two Teeth's	23,28,000
	<b>Total</b>	<b>33,09,540 Rs.</b>

- All Bucks are sold out in 8 Months.
- Here 6 Months Feeding Cost is mentioned.
- As they live up-to two months on mother's milk (Colostrum).
- Here I mention the Feeding Cost, which we provide at Indian Goat Farm.
- This Report is for 150 Goats Farm; at Indian Goat Farm this is different.

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## **Revenue Report**

### **Revenue From Bucks (8 months + EID goats)**

Qty	Rate	Weight	Total
779 Regular Goats	160 Rs/per/kg	Fresh weight of 25 kg. Avg.	31,16,000
194 Eid Goats	18,000 Rs avg. price	50 kg each	34,92,000
		<b>TOTAL</b>	<b>66,08,000</b>

### **Stock Value Of Female Goats**

Qty	Rate	Weight	Total
973	4000 Avg.	25-30 Kg./Avg.	38,92,000

### **Total Revenue Report**

S.No.	Particular	Gross Profit	Expenses	Net Profit
1.	779 Regular Goats	31,16,000	9,81,540	21,34,460
2.	194 Eid Goats	34,92,000	23,28,000	11,64,000
	<b>Total</b>	<b>66,08,000</b>	<b>33,09,540</b>	<b>32,98,460</b>
	-	-	-	-
	<b>Less</b>	<b>Yearly Exp</b>	<b>2,08,400</b>	
	<b>Less</b>	<b>Interest @12%</b>	<b>2,96,400</b>	
	<b>Less</b>	<b>Return</b>	<b>85,000</b>	<b>27,08,660</b>

- **Less Yearly Exp from Running Cost of 2 yrs. Here I deduct Fodder Cost**
- **Fodder Cost is included in Diet Chart.**
- **Yearly Expenses are Running Capital.**
- **Less Return on Capital Expenses**
- **Rate Of interest is flat 12@ per annum**
- **Return time is 10 yrs.**

#### **Close Monitoring of the following for Optimizing:**

- Nutritional requirements (Fodders /Silages)
- Supplement requirement
- Concentrate Need at different stages
- Feeding Management
- Breeding Management
- Health Control
- Mastitis Control
- Daily Economic Calculation

Here all the calculation is on practical figures, and I assume expenses on higher side and income on lower side, you can increase your profit by proper labor, fodder, and pregnancy management.